



# **TOURATECH SUSPENSION**

**FAHRWERK | SUSPENSIÓN  
SOSPENSIONI | SUSPENSION**

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**[www.touratech-suspension.com](http://www.touratech-suspension.com)**



 **TOURATECH**  
**SUSPENSION**  
*by TRACTIVE*

## WHEN DO I NEED A **TOURATECH** SUSPENSION SYSTEM?

DO YOU TRAVEL A LOT ON YOUR MOTORCYCLE?

DO YOU WANT TO TRANSFORM YOUR MOTORBIKE INTO A COMPLETELY NEW RIDING MACHINE?

DO YOU OFTEN RIDE WITH A PILLION PASSENGER?

DO YOU OFTEN CARRY LUGGAGE?

ARE YOU LOOKING FOR REFINED TECHNOLOGY WITH ADVANCED FUNCTIONALITY AND DURABILITY?



## AND HOW DO I BENEFIT FROM A **TOURATECH SUSPENSION SYSTEM?**

- We transform your motorcycle into the best possible touring bike
- Maximum ride dynamics for total enjoyment
- Unique Touratech suspension setup for your motorbike
- Enhanced ride comfort and more sensitive response than standard suspension
- Touratech Suspension also has suspension components for long-distance and extreme riding
- Touratech Suspension shocks are fully serviceable for a long lifespan

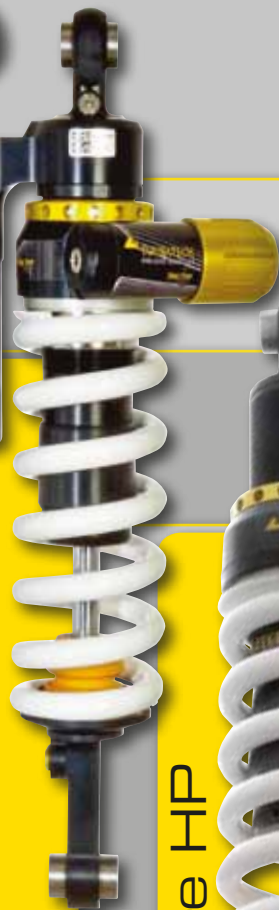
## Unique features of **Touratech Suspension** shock absorbers:

- Made for adventure and touring bikes
- Built for hard use and heavy loads
- Supplied with special Touratech setup for each respective motorbike
- Top performance on and offroad
- Highest quality materials for long life
- Uniquely solid Touratech hydraulic spring preload with 50% greater adjustment range
- For weekend trips, riding with a passenger and/or a long tour with lots of luggage
- Precise, high-performance damping even with very high damping frequency (bad roads, dirt tracks)

Extreme



High End | Expedition



Level2 | Explore HP



Level1 | Explore





Shock absorber length adjustable by 8 mm (-2 mm, +6 mm). Enables basic adjustment of bike's balance according to motorcycle model. Also adjustment for special conversions or an extreme setup.

PDS – position-dependent damping system. Second damping piston provides hydraulic protection against bottoming out. Shock absorber will not bottom out.

Separate high and low speed damping settings. For precise damping adjustment at very high damping frequencies with heavy loads (bad roads, off-road with luggage).

External reservoir on shock absorber improves damping fluid cooling for higher damping performance during heavy use.

Uniquely solid Touratech hydraulic spring preload with 50% greater adjustment range for short weekend trips or long-distance riding with lots of luggage.

Fully serviceable. Ensures long-lasting maximum ride dynamics.

Adjustable rebound damping on shock absorber base with special touring setup.

Available with different spring rates to compensate for heavier or lighter rider and luggage weight.

Strong stainless steel bushings in spring eye ensure the securing bolt is seated firmly with no play even under maximum loads.

Special low-friction seals with integrated Teflon piston band for low wear and long shock absorber life.

Large 16 mm shaft made from chrome molybdenum steel for maximum stability and durability.

Floating piston design. Damping fluids oil and nitrogen are separated, achieving finer shock absorber response.

Special Touratech setup combining balance and damping. 50% more spring preload than any other shock absorber on the market.

Level 1 | Explore

Level 2 | Explore HP

High End | Expedition

Extreme

## Touratech Suspension **ACE Suspension System**

ACE = Actively Controlled Electronic Suspension



The Touratech Suspension ACE suspension system lets you conveniently and effectively adjust your motorcycle to any riding situation while sitting on the bike.

Via the remote control, you ensure the bike has the correct balance for the respective load and adjust the suspension according to your personal requirements.

ACE = Actively Controlled Electronic Suspension

As a result, the motorbike can be quickly and easily adjusted for all kinds of loading and riding conditions. The rider can adjust the suspension in fine increments to find the most desirable setup.

The Touratech Suspension ACE system offers the motorcyclist a high degree of active ride safety and touring comfort.

The Touratech Suspension ACE system can be used without an ESA system. The suspension system operates independently and only needs to be connected to the bike's on-board power supply.

For the ACE suspension system, we developed an autonomous system that uses its own sensors. A patented DDA high-performance solenoid valve is built into the shock absorber. It supplies complex data that enables the ACE sensors in the control unit to respond effectively to changing riding conditions. The ACE suspension system actively ensures that your preset spring preload and damping levels are always optimally maintained within fractions of a second as you ride.

## The more intelligent ESA

Devised and developed by  
the inventors of the  
ESA suspension system.

EPA: Electric Preload Adjuster

Electric spring preload

- Quick and easy load setting configuration
- Quickly and easily adjust bike's balance at the touch of a button, on the handlebar

ACE: Actively Controlled Electronic  
ACE suspension dynamics  
in real-time.

- High level >>  
minimises drive shaft reactions
- High level >>  
for a high comfort level
- Low level >>  
more direct road feedback



5-stage adjustment  
range for EPA / ACE /  
DDA.  
Each stage is a special  
Touratech setup.  
All settings can be com-  
bined with one another.

The ACE remote control -  
every adjustment stage is a Touratech setup

DDA: Dynamic Damping Adjuster

Dynamic damping adjustment lets you select your preferred ride comfort level.

- Firm and sporty with more direct feedback for an ambitious, sporty riding style
- Comfortable with damping reserves for travelling with a passenger

	EXPLORE-SET (front & rear)	EXPEDITION-SET (front & rear)
<b>BMW</b> R 1200 GS	044-5842	044-5844
<b>BMW</b> R 1200 GS lowering approx. -50 mm	044-5838	
<b>BMW</b> R 1200GS Adventure	044-5843	044-5845
<b>Triumph</b> Tiger Explorer		422-5872
<b>Yamaha</b> Super Ténéré		046-5872



## SEMIACTIVE

Fully serviceable.

No error message on the BMW display.

Unique patented DDA high-performance solenoid valve developed by Tractive.

Additional high and low speed damping for the entire setup.

Uniquely solid hydraulic spring preload controlled via the original BMW control unit.

Connects to the original BMW plugs.





# TOURATECH PLUG & TRAVEL

## SUSPENSION

by **TRACTIVE**

**The world's first  
suspension purpose-  
built for adventure  
touring motorcycles  
with luggage**

Other models such as the BMW R 1200 GS Adventure and R 1200 RT with BMW DDC suspension are under development. For more information, please visit [www.touratech.com](http://www.touratech.com)

This premium suspension system is systematically designed for long-distance touring with lots of luggage, on any type of road surface – and even off-road. The Plug & Travel suspension system is manufactured using the same precision components and parts that have been tried-and-tested in our shock absorbers over thousands of miles of touring, under the most intense conditions. Our semi-active Plug & Travel suspension system does not isolate your motorcycle from the ground. You always have perfect feedback from the suspension plus our specially tested Touratech setup for your BMW R 1200 GS.

Touratech Suspension Plug & Travel shock absorbers simply replace the BMW DDC shocks. The existing plug connectors and switches on the handlebar are retained and used as usual. The Touratech Plug & Travel suspension system becomes an integral part of your motorcycle via the original BMW control unit. All riding modes and configurations are accessed in the usual way and appear on the BMW cockpit display.

This Touratech suspension system adapts itself to the adventurer inside you – so all you have to do is ride!

### **Touratech Suspension \*front\* shock absorber DDA / Plug & Travel**

for BMW R 1200 GS, 2013 onwards

**045-5883**

for BMW R 1200 GS Adventure 2014 onwards

**045-5873**

### **Touratech Suspension \*rear\* shock absorber DDA / Plug & Travel**

for BMW R 1200 GS, 2013 onwards

**045-5884**

for BMW R 1200 GS Adventure 2014 onwards

**045-5887**

### **Touratech Suspension SET DDA / Plug & Travel**

for BMW R 1200 GS, 2013 onwards

**045-5885**

### **Touratech Suspension Set DDA / Plug & Travel**

for BMW R 1200 GS Adventure 2014 onwards

**045-5885**

### **Lowering kit only as a SET -50 mm:**

### **Touratech Suspension lowering kit SET -50 mm DDA / Plug & Travel**

for BMW R 1200 GS, 2013 onwards

**045-5886 Lowers -40mm DDA**

for BMW R 1200 GS Adventure 2014 onwards

**045-5888 lowering -40 mm DDA**

## The **EXTREME** suspension system for your R 1200 GS without the DDC system

The Extreme suspension system for the BMW R 1200 GS, 2013 onwards. The name says it all.

This suspension system for the BMW R 1200 GS enhances stability and comfort for greater safety and riding enjoyment even over thousands of miles of the harshest off-road terrain. A suspension system that is uncompromisingly tuned for hard touring use.

The required settings are made by hand, and the motorcycle is balanced according to the load. The hydraulic position-dependent damping system (PDS) ensures that the spring elements will not bottom out even with heavy luggage in the most extreme off-road conditions.

### **Touratech Suspension Extreme \*front\***

**045-5876**

**for BMW R 1200 GS, 2013 onwards, type \*Extreme\***

**045-5871**

**for BMW R1200GS ADV onwards 2014, type \*Extreme\***

### **Touratech Suspension Extreme \*rear\***

**045-5870**

**for BMW R 1200 GS, 2013 onwards, type \*Extreme\***

**045-5877**

**for BMW R1200GS ADV onwards 2014, type \*Extreme\***

Are you planning to fit this Extreme suspension system to your BMW R 1200 GS with DDC? It can be done.

To avoid Dynamic Damping Control (DDC) error messages on the display after switching to a Touratech Suspension Extreme suspension system, Touratech has developed a disable plug (045-5879). This ensures that the riding modes ASC, ABS and DTC continue to operate perfectly.





Pic.: Dirk Schäfer | Spain



TOURATECH  
**PLUG & TRAVEL**  
SUSPENSION  
TRACTIVE

### **Touratech suspension strut for BMW F800GS from 2013** **Type: Plug & Travel for BMW ESA**

The Plug & Travel strut for BMW ESA offers top performance with premium chassis technology for your BMW F800GS Adventure with ESA system. This premium chassis is designed specifically for long-distance travel with a lot of luggage, for all road conditions through to track stages. The strut simply replaces the BMW ESA strut. The existing plugs and switches on the handlebar are used as usual. Thus the Touratech suspension strut is integrated into the motorcycle using the original BMW controls. This lets you continue using the damper settings on the handlebar and on the BMW display. The Touratech strut to suit your adventure. All you need to do is drive.

This Touratech Suspension Plug & Travel strut is manufactured with the same precision components and assemblies that have proven themselves on thousands of kilometres in our struts under the toughest conditions. For you this means: Adjustment to any volume of luggage, ranging from a rear bag to a loaded luggage system and/or with a passenger, is performed easily and quickly by hand wheel via the hydraulic spring pre-tension. The unique, robust hydraulic Touratech spring pre-tension compensates for weekend tours, large luggage or your long-distance tour using the Extreme setting range. The balance of your motorcycle is set perfectly. The heart of this suspension system is a stepping motor specially adapted to the BMW ESA and integrated in the strut. This stepping motor allows optimal damping via the original BMW switch on the handlebar to the desired setting, comfort, normal or sport.

### **Touratech Suspension strut \*rear\* / Plug & Travel**

for BMW F 800 GS from 2013

**048-5875**

for BMW F 800 GS Adventure

**048-5876**

# Touratech Suspension **Cartridge**

## The **shock absorber** for your **forks**



### Touratech Suspension Cartridge Kit Extreme for BMW and Triumph

Putting it simply, the Touratech Suspension Cartridge Kit Extreme is a suspension strut for the fork and the absolute top end in terms of suspension technology. The Closed Cartridge is installed into the original fork. This way the fork bridge/handlebar mount, brakes and wheel control and handlebar geometry are retained in full. No additional modifications to the fork are required. This Closed Cartridge is been developed perfectly for touring and riding with frequent and strongly differing loads and riding conditions or extreme requirements.

#### Scope of delivery::

- 2x Closed Cartridge with damper setting, (1x) rebound stage, (1x) compression stage. with spring preloading via adjustment tool (2x)
- adjustment tool
- ready for installation and ready-to-ride, fitted with pre-mounted fork spring. .
- 1 litre oil (for installation of fork)
- user manual and instructions for installation
- 2x Fork protection sticker

BMW F 800 GS   08-12	048-5866
BMW F 800 GS from 2013	048-5840
BMW F 800 GS Adventure	048-5846
Triumph Tiger Explorer	422-5840
Triumph Tiger 800 XC	420-5840

## Touratech Suspension **Fork Springs** The **optimum** for your **motorcycle forks**



For Touratech Suspension fork springs, we work with Hyperpro – the best possible partner. Our adventure touring fork springs are designed to combine perfectly with our Touratech Suspension shock absorbers. They give you a sensitive response and high reserves under load and/or during trips with off-road sections.

Each fork spring set is specially adapted and manufactured by Hyperpro according to our specifications for the respective motorcycle model. Touratech Suspension fork springs are „infinitely progressive“ along their full length.

### **For you, this means:**

- Optimum damping comfort over the fork's complete spring travel
- Always optimal tyre grip and clean feedback from the road surface
- Damping reserves with heavy loads on bad roads until bottoming-out protection
- Ideal for travelling with a pillion passenger and/or luggage
- Best fork tuning for chasing curves or dusty trails
- All Touratech Suspension fork springs are road legal
- Touratech Suspension fork springs are always supplied with the correct fork oil

Each of our fork spring sets is supplied with the appropriate detailed fitting instructions for the respective motorcycle type. We recommend having the fork springs fitted at a specialist workshop or Touratech Suspension service centre.

You can find the fork springs for your motorcycle in the overview/table on page 1332.

You will find the Touratech Suspension  
Service Centers on Page 1327

## Touratech Suspension **Replacement springs** by Hyperpro



### **FSuspension optimisation with „Touratech setup“ for your standard suspension system.**

Are you looking for a cost-effective way to improve the standard suspension system on your new motorbike? Our adventure touring replacement springs are specially designed to optimise the respective standard suspension system. They give you a sensitive response and high reserves under heavy loads and/or while carrying a pillion passenger.

Here too, we work with Hyperpro – the best possible partner. Each replacement spring set is perfectly adapted and manufactured by Hyperpro for the standard suspension system on the respective motorcycle type. Touratech Suspension replacement springs are „infinitely progressive“ along their full length.

#### **For you, this means:**

- Optimum damping comfort over the complete spring travel of your standard suspension system
- Always optimal tyre grip and clean feedback from the road surface
- Damping reserves with heavy loads on bad roads until bottoming-out protection
- Ideal for travelling with a pillion passenger and/or luggage
- Best possible standard suspension system tuning for touring use
- All Touratech Suspension replacement springs are road legal
- Touratech Suspension replacement springs are always supplied ready to fit

Each of our replacement spring sets is supplied with the appropriate detailed fitting instructions for the respective motorcycle type. We recommend having the replacement springs fitted at a specialist workshop or Touratech Suspension service centre.

You can find the replacement springs for your motorcycle in the overview on page 1330.

**Lowering** with the best possible  
suspension characteristics  
**Adapted** for each respective  
**motorcycle model**

**Replacement springs:**

- Depending on the bike, lowering between 35 mm and 50 mm is possible
- The replacement springs are specially adapted for the motorbike
- „Infinitely progressive“ along the entire length for sensitive
- response and damping reserves under high load
- Optimal tyre grip and clean feedback from the road surface
- Best possible Touratech setup with high level of riding safety
- Original side stand and main stand can still be used
- Extensive fitting instructions specifically for the respective motorcycle type

**Fork springs:**

- Can only be used in conjunction with a suitably matched shock absorber (see below)
- In addition, shortened versions of the original side and main stand are required from the motorcycle manufacturer
- Depending on the bike, lowering between 35 mm and 50 mm is possible
- The fork springs are specially adapted for the motorbike
- „Infinitely progressive“ along the entire length for sensitive
- response and damping reserves under high load
- Optimal tyre grip and clean feedback from the road surface
- Extensive fitting instructions specifically for the respective motorcycle type

**Shock absorber:**

- The best solution for lowering your motorbike
- Can only be used in conjunction with a suitably matched fork spring (see above)
- In addition, shortened versions of the original side and main stand are required from the motorcycle manufacturer
- Depending on the bike, lowering between 35 mm and 50 mm is possible
- The shock absorber is specially adapted for the motorbike
- Unique adventure touring „Touratech setup“ combining balance and damping
- Various shock absorber types possible
- Top performance on and off-road. Optional stronger spring rates.
- Optimal tyre grip and clean feedback from the road surface
- Extensive fitting instructions specifically for the respective motorcycle type

NEW Touratech Suspension Plug & Travel semi-active lowering kit for R 1200 GS, 2013 onwards (page 1315).

We recommend having the lowering kit fitted at a specialist workshop or  
**Touratech Suspension service** centre -  
see page 1327 for details.



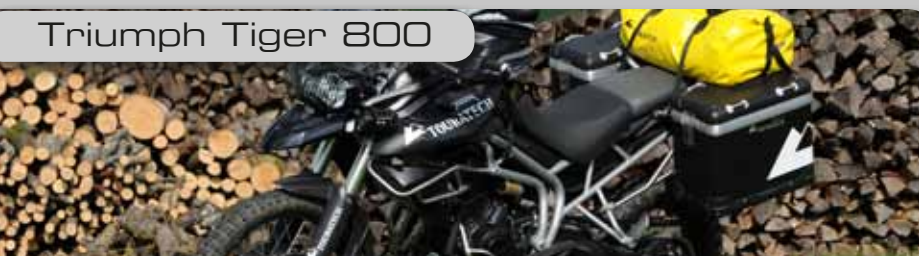
**Lowering** with the best possible suspension characteristics

Honda Transalp



Lowering max. **30 mm** | page 662

Triumph Tiger 800



Lowering max. **30 mm** | page 924

BMW F700GS



Lowering max. **30 mm** | page 481



**Adapted** for each respective  
**motorcycle model**

BMW F800GS/ADV



Lowering max. **70 mm** | page 481

BMW R1200GS/-2013



Lowering max. **50 mm** | page 227

BMW R1200GS/2013-

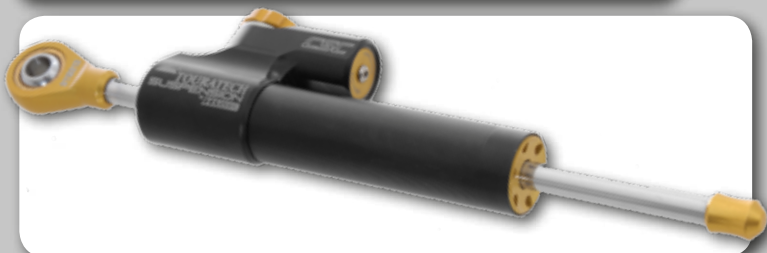


Lowering max. **50 mm** | page 1315

Complete information: [www.touratech-suspension.com](http://www.touratech-suspension.com)



## Touratech Suspension **steering damper -** stabilisation factor



The Touratech Suspension \*CSC\* steering damper effectively optimises ride stability – whether for off-road and touring use carrying a heavy load or while chasing curves. Trials and experience have shown that the linear Touratech Suspension \*CSC\* (Constant Safety Control) steering damper with its permanent assistive effect adds a whole new dimension to riding.

What the Touratech Suspension \*CSC\* steering damper does:

- No more hard steering when cornering slowly with a heavy load
- Minimised disturbances transmitted to the handlebar by the rider
- For example: wind flow over motorcycle clothing and turbulence caused by a truck or van in front
- Minimised instability caused by ruts on motorways, main roads and dirt tracks
- Small front wheel with knobbly tires is noticeably more stable when riding off-road or on sand
- Less fatigue on long journeys thanks to consistently greater ride stability

Fitting the \*CSC\* steering damper makes your bike's ride and handling significantly more stable, less tiring, and safer. Always supplied complete with appropriate mounting kit for the motorcycle type.

- - CNC-milled from high-grade 7075 aircraft aluminium
- - Optimal response characteristics for maximum safety
- - Elegant Touratech design and 75 mm stroke
- - Individual damping adjustment through 24 clicks
- - Road legal

### **Touratech Suspension steering damper \*CSC\***

**Currently available for the following motorcycle models:**

**042-5830**

**BMW R nine T** with mounting kit

**044-5858**

**BMW R1200GS bis 2012/R1200GS Adventure until 2013** with mounting kit

**045-5830**

**BMW R1200GS (LC) 2013** with mounting kit

**045-5831**

**BMW R1200GS (LC) ab 2014** with mounting kit

**045-5832**

**BMW R1200GS (LC) Adventure ab 2014** with mounting kit

**371-5830**

**KTM 1190 Adventure** with mounting kit

## Suspension Workshop

### Tuning the damping:

With the special Touratech setup for a rider's weight including luggage of up to 100 kg, Touratech Suspension shock absorbers are ideally adjusted out-of-the-box for 90% of road surface conditions and uses. The only important thing is to remember to adjust the spring preload (balance/sag) as the load increases. This ensures your headlight isn't pointing at the treetops. Adjusting the damping is a matter of fine-tuning.

### Adventure touring with pillion passenger and luggage:

To keep the bike balanced despite the extra load, the preload on the shock absorber spring has to be increased to restore the ratio between positive and negative spring travel. The damping should be set somewhat harder to stop the bike bouncing around.

- Spring preload (see fig. 1): increase slightly at the front (if possible), increase more at the rear.
- Compression (see fig. 2): somewhat harder at the front and rear until comfortable for you (high speed / low speed).
- Rebound (see fig. 3): somewhat harder at the front, somewhat harder at the rear.
- Careful – not too much, so the shock absorber still develops enough grip.



To adjust the height of the bike, measure the distance between the rear axle and a reference point on the bike. This distance should be measured with no load on the suspension (1), under the bike's own weight (2), and with a typical load (3), e.g. solo rider, rider with luggage, two people without luggage. For measurements 2 and 3 respectively, 10% and 30% of the total spring travel should be used.





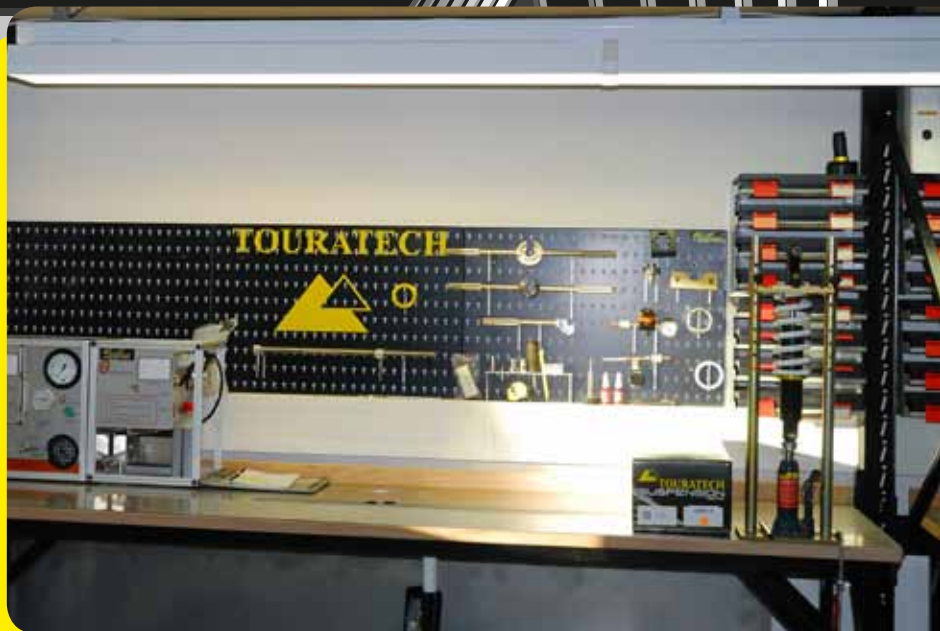
## **SUSPENSION SERVICE CENTER NIEDERESCHACH**

- ...Settings
- ...Changing springs
- ...Changing chassis
- ...Fitting of chassis
- ...Modification of chassis
- ...Lowering
- ...Tuning
- ...Changing fork springs
- ...Fitting cartridge
- ...Fitting steering dampers

**Service & revision of  
Suspension Systems  
from many well-  
known  
manufacturers**

**Get advice from our  
experts:  
+49 (0) 7728/92790**

**Complete Inspection Service for  
your rear shock / suspension**



## CERTIFIED TOURATECH SUSPENSION SERVICE CENTER

Niedereschach (Germany) | France | Spain (Barcelona, Madrid, Alicante)  
Czechia | Turkey | Peru | USA | Sweden | UK

- > professional equipment
- > many years of know-how
- > expert team on site

**The contact data of our  
partners are given from  
page 4 in this catalog**

### Certificate



## 2014/15

**Certified Service Center**

- TOURATECH CZECH REPUBLIC -

**Milan Holy**  
has successfully taken part in the  
**TOURATECH Service Technician Training**  
from 29. - 31. January 2014.

Certified activities: service and customizing of  
TOURATECH Suspension 2011-2013

He is hereby entitled to run a TOURATECH Suspension  
Service Center. He is officially authorized to do all service  
work on TOURATECH Suspension & Tractive components.

Niedereschach, July 2014

# Certificate



# 2014/15

## **Certified Sales Point**

### **TOURATECH-Portugal**

has successfully taken part in the  
TOURATECH Suspension Sales Training  
in March 2014.

Hereby TOURATECH-Portugal is entitled to run a  
TOURATECH Suspension Sales Point.

Niedereschach, June 30th 2014

Martin Wickert  
Vertriebsleiter  
TOURATECH AG

## **CERTIFIED TOURATECH SUSPENSION SALES CENTER**

Professional consulting about all Touratech Suspension products you get in the following **German** Touratech shops:

Niedereschach, Aachen, Kassel, Munich, Berlin, Dresden and Hamburg

**Worldwide** – for certified consulting about the Touratech Suspension products please visit our partners in:

- ... Argentina
- ... Belgium
- ... Brazil
- ... Chile
- ... France
- ... Thailand
- ... Czechia
- ... Turkey
- ... Slovakia
- ... Spain (Barcelona, Alicante & Madrid)
- ... Peru
- ... Portugal
- ... Poland
- ... Hungary
- ... USA
- ... Uruguay
- ... UK

**The contact data of our  
partners are given from  
page 4 in this catalog**





BMW	Level1	Level2	HighEnd	Extreme
F650GS-Dakar	300-5860			
F650GS-Dakar		300-5880		
G650GS		300-5882		
G650GS-Sertao		300-5883		
F650(Twin)GS	048-5862			
F650(Twin)GS		048-5882		
F800GS	048-5860			
F800GS		048-5880		
F800GS			048-5865	
F800GS				048-5870
F800 GS LOW -50mm	048-5861			
F800 GS LOW -50mm		048-5864		
F800 GS   2013 ->	048-5863			
F800 GS   2013 ->		048-5883		
F800 GS   2013 ->			048-5868	
F800 GS   2013 ->				048-5873
F800 GS ADV				048-5874
F800 GS ADV		048-5881		
F800 GS   2013 -> LOW		048-5864		
F800 GS Adventure LOW		048-5884		
F700 GS	058-5863			
F700 GS		058-5883		
F800 R	616-5860			
F800 R		616-5880		
F800 S / ST	612-5860			
R80 GS / R100 GS	058-0005			
R80 GS / R100 GS		058-0007		
BMW	Level1	Level2	HighEnd	Extreme
R1100 GS (REAR)	040-5860			
R1100 GS (REAR)		040-5880		
R1100 GS (FRONT)	040-5875			
R1150 GS (REAR)	040-5862			
R1150 GS (REAR)		040-5882		
R1150 GS (FRONT)	040-5877			
R1150GS Adv. (REAR)	041-5860			
R1150GS Adv. (REAR)		041-5862		
R1150GS Adv. (FRONT)	041-5875			
R nine T			042-5865	
R1200 GS (REAR)	044-5860			
R1200 GS (REAR)		044-5880		
R1200 GS (REAR)			044-5865	
R1200 GS (REAR)				044-5870
R1200 GS (FRONT)	044-5875			
R1200 GS (FRONT) Extreme				044-5886
R1200 GS (REAR) LOW	044-5861			
R1200 GS (REAR) LOW			044-5866	
R1200 GS (FRONT) LOW	044-5876			
R1200GS Adv. REAR	044-5862			
R1200GS Adv. REAR		044-5880		

BMW	Level1	Level2	HighEnd	Extreme
R1200GS Adv. REAR			044-5867	
R1200GS Adv. REAR				044-5872
R1200GS Adv. (FRONT)	044-5877			
R1200 GS Adv. (FRONT)				044-5887
BMW HP2 Extreme				044-5888
R1200GS 2013 (REAR)				045-5870
R1200GS 2013 (FRONT)				045-5876
R1200GS ADV 2014 (REAR)				045-5871
R1200GS ADV 2014 (FRONT)				045-5877
Honda	Level1	Level2	HighEnd	Extreme
XL700V Transalp	058-0030			
XL700V Transalp		058-0031		
XRV 750 RD07	058-0010			
NC 750X I 2013 ->	405-5800			
NC 750X I 2013 ->		405-5855		
NC 750S I 2013 ->	405-5860			
NC 750S I 2013 ->		405-5865		
XRV 750 RD07		058-0012		
XRV 750 RD07			058-0011	
XLV 1000 VARADERO	058-0015			
Honda VFR 1200 X		406-5880		
Husqvarna	Level1	Level2	HighEnd	Extreme
TE449 / 511				410-5870
TR650 Terra	412-5860			
Kawasaki	Level1	Level2	HighEnd	Extreme
KLR 650   2008 ->	409-5860			
KLR 650   2008 ->		409-5880		
KTM	Level1	Level2	HighEnd	Extreme
1190 Adventure R				371-5871
990 SM-R	058-0045			
990 SM-R			058-0046	
990 SM-T	058-0040			
990 SM-T			058-0041	
LC8 950 Super Enduro				370-5867
LC8 950 Adventure				370-5869
LC8 990 Adventure				370-5870
PA Adjuster KTM 690		370-5880		
Suzuki	Level1	Level2	HighEnd	Extreme
DR 750 S / 800 S / 800 S BIG	058-0020			
V-Strom 1000		391-5865		
V-Strom 1000			391-5870	
DL1000 V-STROM	058-0025			
DL650 V-STROM	390-5860			
*2004-2011*				
DL650 V-STROM		390-880		
*2004-2011*				
DL650 V-STROM *>2012*	390-5862			
DL650 V-STROM *>2012*		390-5882		

Triumph	Level1	Level2	HighEnd	Extreme
800 XC	420-5860			
800 XC		420-5882		
800 XC			420-5865	
Tiger Explorer	422-5860			
Tiger Explorer		422-5880		
Tiger Explorer			422-5865	
Tiger Explorer				422-5870
Tiger 1050i		615-5880		
Yamaha	Level1	Level2	HighEnd	Extreme
XT660Z Tenere	046-5862			
XT660Z Tenere		046-5882		
TDM 850	058-0035			
XT1200Z Super Tenere		046-5880		
XT1200Z Super Tenere			046-5865	
XT1200Z Super Tenere				046-5870

Aprilia	Fork Springs	Spring-Set	
ETV1000 Caponord *2002-2007*	040-7433		
ETV1000 Caponord *2002-2007*		040-7434	
BMW	Fork Springs	Spring-Set	Height Lowering Kit
F650GS *2000-2007*	040-7435		
F650GS *2000-2007*		040-7436	
F650GS Dakar *2000 ->*	040-7412		
F650GS Dakar *2000 ->*		040-7424	
G650X Challenge *2007 ->*	040-7403		
G650GS *2009 ->*	300-5837		
G650GS *2009 ->*		300-5836	
G650GS Sertao *2011 ->*	300-5838		
F650GS (Twin)	040-7407		
F700GS *2013 ->*	058-5836		
F700GS *2013 ->*		058-5837	
BMW F700GS *2013 -> *LOW -30mm			058-5838
F800GS   ->2012	040-7400		
F800GS   ->2012		040-7401	
F800GS   ->2012 *LOW -50mm*	040-7411		
F800GS   ->2012 *LOW -50mm*			040-7402
F800GS   ->2012 *big fuel tank* & BMW HP2"	040-7408		
*F800 GS / Adventure *2013->*	048-5839		
F800GS / Adventure *2013->*		048-5836	
*F800GS/ Adventure *2013->*	040-7438		
*LOW -50mm**			
*F800GS / Adventure *2013->* LOW -20mm***			048-5834
*F800GS / Adventure **2013->** LOW -35mm**			048-5835
R80G/S *80-88*	040-7426		
R80G/S Dakar *80-88*	040-7427		
R80GS*88-97*	040-7428		
R80GS Paris Dakar *88-97*	040-7429		
R100GS / R80GS Basic *88-96*	040-7413		
R100GS Paris Dakar*	040-7414		
R1100GS *1995->*		040-7423	
R nine T	042-5838		
R nine T		042-5839	

Honda	Fork Springs	Spring-Set	Height Lowering Kit
XL600V Transalp *-> 1999*	058-5851		
XL600V Transalp *-> 1999*		058-5852	
XL650V Transalp *2000-2007*	058-5853		
XL650V Transalp *2000-2007*		058-5854	
Transalp '08	040-7404		
Transalp '08		040-7405	
Transalp '08 LOW -30mm			040-7406
NC750X	405-5838		
NC750X		405-5839	
NC750S	405-5840		
NC750S		405-5841	
XRV750 Africa Twin RD07   1993 ->	040-7415		
XRV 750 Africa Twin RD07   1993 ->		040-7432	
XL1000V Varadero >1999 - 2002	040-7416		
Varadero *2003-2005* *No ABS**	040-7425		
XL1000V Varadero (ABS) *2004->*	040-7430		
XL1000V Varadero (ABS) *2004->*		040-7431	
VFR1200X Crosstourer *2012->*	406-5838		
VFR1200X Crosstourer *2012->*		406-5839	
Kawasaki	Fork Springs	Spring-Set	
KLR650 *2008 ->*	409-5838		
KLR650 *2008 ->*		409-5839	
KTM	Fork Springs	Spring-Set	
1190 Adventure R	371-5838		
990 Adventure *2009-2010*	370-5838		
990 Adventure *2007 ->*	370-5836		
990 Adventure *2007 ->*		370-5837	
Suzuki	Fork Springs	Spring-Set	
V-Strom DL 650 *2004-2011*	040-7421		
V-Strom DL650 *2004-2012*		040-7422	
V-Strom 1000			
V-Strom DL1000   2002 - 2003	040-7419		
V-Strom DL1000   2004 - 2007	040-7420		
Triumph	Fork Springs	Spring-Set	Height Lowering Kit
Tiger 800 *2011 ->*		420-5835	
Tiger 800 *2011 -> * LOW -50 mm"			420-5836
Tiger 800 *2011 -> * LOW -30mm"			420-5834
Tiger 800 XC   2011 ->	420-5838		
Tiger 800XC   2011 ->		420-5839	
*Tiger 800 XC *2011-> * LOW -30mm"			420-5837
Explorer *2012 ->*	422-5838		
Explorer *2012 ->*		422-5839	
Tiger 1050i *2007 ->*	615-0120		
Tiger 1050i *2007 ->*		040-7437	
Yamaha	Fork Springs	Spring-Set	
XT660R *2004 ->*	046-5838		
XT660R *2004 ->*		046-5839	
*XT660Z Tenere	046-0305		
*XT660Z Tenere (No ABS)		046-0306	
TDM850   1991-1995	040-7417		
TDM850   1996-2001	040-7418		
XT1200Z Super Tenere *2010 ->*	046-0307		
XT1200Z Super Tenere *2010 ->*		046-0308	